

**SYSTEM AND METHOD
FOR SYNCHRONIZING SYSTEM MODULES**

ABSTRACT

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A method and system is provided for automatically reassigning an interface card and devices associated with the interface card in a programmable logic controller system from a non-deterministic operating environment to a deterministic operating environment so that the change is performed essentially instantaneously to avoid disruption of operations of the PLC devices associated with the interface involved in the reassignment. All operating system registries and configurations are automatically performed. The move provides for an improved response time for devices associated with and controlled by the card.

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